

AQS Data Certification – Planned Fixes and Enhancements

As of March 27, 2013

Pending Issues/Problems

Component	Issue Description
Database	Monitors closed before the end of year not showing up in report.
PM and Lead Reports	Methods without any collocated audits do not show up in PQAO summary.
Monitor Types	1. Should Monitor Type “Industrial” be included? (They are used for NAAQS for PM 2.5 FRM/FEM methods)
Inclusion/Exclusion of specific monitors	Monitors can be excluded via one of 2 ways: 1. Make monitor non-regulatory for entire year. 2. Remove the Certifying Agency from monitor
Routine Data Completeness	Certification report presently using completeness from Annual Summaries, which may be NAAQS completeness rather than sampling completeness.
Manually submitted collocation precision	Collocation assessments that were manually submitted as RP transactions are not yet included. (Automatically generated assessments from RD are included.)
National Parks Service Data	2011 and 2012 data may not be in AQS yet.
Combined Report	1. Report Section with title and blank page shows up if pollutant type (Gas, PM, Lead) not selected. 2. Pages should be consecutively numbered.
Report Selection From	Needs to require either State or Agency
Ozone Seasons	Need to discuss.

Completed/Fixed Issues

Component	Issue Description	Date
All reports	Non-Regulatory monitor data not consistently excluded.	Mar. 26, 2013
PM and Lead Report	Flow Rate Audit completeness not correct.	Mar. 26, 2013
Gas Cert. Report	Ozone Season: Need option to calculate QA completeness based only on Ozone season; default should be entire year.	Mar. 26, 2013
PM and Lead Report	Flow Rate Verification completeness not correct.	Mar. 27, 2013
Certification Form	Multiple Issues: 1. Query monitors by Certifying Agency instead of PQAO 2. In State Mode, allow selection of any certifying agency 3. Configure Regional Admin access to all states and agencies in region 4. Configure EPA_HQ to have access to all states and agencies 5. Regional Mode: Initialize Official Cert flags is setting the values from monitoring agency request column instead of AQS recommended column. 6. Form allows Save of monitoring agency request that is different from AQS recommendation without	Mar. 27, 2013

	requiring comment.	
Gas Report	In many cases 1-Point QC data not showing up in Certification Report, even though it can be seen on AMP250. In some cases completeness shows up as less than 100 percent, even should be 100%	Mar. 22, 2013
PM and Lead Report	Flow audits reported at higher than level 2 not included in view that drives report.	Mar. 22, 2013
Lead Report	Lead PQAO Summaries not showing up in report	Mar. 21, 2013
Gas Report	In many cases Annual PE data not showing up	Mar. 22, 2013
Gas Report	Performance greatly improved. Report that ran yesterday for 90 minutes took 6 today.	Mar. 22, 2013
PM Report and Lead Report	PEP Bias estimates incorrectly using absolute bias upper bound (Appendix A Equation 3) instead of bias expected value (Equ. 12)	Mar. 22, 2013
PM Report and Lead Report	Collocation summaries not excluding audits where Primary or Collocated value below threshold for parameter (Appendix A 4c)	Mar. 22, 2013
Lead Report	Lead Analysis Summaries: Number Required not displayed.	Mar. 22, 2013